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WHAT IS CLAIMED IS:

1.	Αn	image	nlavback	device	comprising:
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- 2 a medium playback means which reads out recorded
- information that has been recorded on a recording medium; 3
- 4 a time period discriminating means which receives the
- 5 recorded information read out by the image playback means
- and discriminates periods of time during which the recorded 6
- information agrees with at least one pre-set condition; 7
- a playback display means which plays back and displays 8
- moving-picture image information contained in the recorded 9
- information in accordance with the results of the
- discrimination performed by the time period discriminating
- means.
 - An image playback device according to Claim 1, wherein the time period discriminating means includes:
 - a sound quantity detection means which receives audio
 - information from the recorded information read out by the 4
 - 5 medium playback means, and detects a quantity of sound of
 - 6 this audio information;
 - 7 a silence discriminating means which discriminates
 - silent periods in which the quantity of sound detected by 8
 - 9 the sound quantity detection means drops below a
 - 10 predetermined sound quantity;
 - 11 the playback display means plays back and displays
 - 12 moving-picture image information contained in the recorded

- 3 information only during time periods other than the silent
- 4 periods discriminated by the silence discriminating means.
- 3. An image playback device according to Claim 1,
- 2 wherein the time period discriminating means includes:
- 3 a speaker characteristic feature extracting means which
- 4 receives audio information from the recorded information
- 5 read out by the medium playback means, and detects at least
- 6 one characteristic feature parameter specifying long-term
- 7 spectrum averages or mean pitch frequencies for the audio

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- 9 a speaker discriminating means which discriminates time
- 1.0 periods during which the at least one characteristic feature
 - ll parameter detected by the speaker characteristic feature
- 12 extracting means agrees with at least one pre-registered
- 13 characteristic feature parameter within a permissible range:
 - 14 and wherein the playback display means plays back and
 - 15 displays moving-picture image information contained in the
 - 16 recorded information only during time periods discriminated
 - 17 by the speaker discriminating means.
 - 1 4. An image playback device according to Claim 1,
 - 2 wherein the time period discriminating means includes:
 - 3 a brightness difference detection means which receives
 - 4 moving-picture image information from the recorded
 - 5 information read out by the medium playback means, and

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detects differences in brightness level between central and peripheral portions of an image screen; and

a backlighting discriminating means which discriminates periods of backlighting based on the brightness level differences detected by the brightness difference detection means;

and wherein the playback display means plays back and displays moving-picture image information contained in the recorded information only during time periods other than the periods of backlighting discriminated by the backlighting discriminating means.

An image playback device according to Claim 1, wherein the time period discriminating means includes:

a movement detection means which receives movingpicture image information from the recorded information read out by the medium playback means, and detects movement vectors between moving-picture frames;

a panning discriminating means which discriminates panning periods from the movement vectors detected by the movement detection means;

and wherein the playback display means acquires the panning periods discriminated by the panning discriminating means, and plays back and displays moving-picture image information contained in the recorded information only during the panning periods or during time periods other than the panning periods.

- 6. An image playback device according to Claim 1,
- 2 wherein the time period discriminating means includes:
- a contrast detection means which receives moving-
- 4 picture image information from the recorded information read
- 5 out by the medium playback means, and detects contrast of
- 6 this moving-picture image information; and
- 7 a low-contrast discriminating means which discriminates
- 8 low-contrast periods in which the contrast detected by the
- 9 contrast detection means drops below a predetermined
- 10 threshold value;
- 11 and wherein the playback display means plays back and
- 12 displays moving-picture image information contained in the
- 13 recorded information only during time periods other than the
- 14 low-contrast periods discriminated by the low-contrast
- 15 discriminating means.
 - 7. An image playback device according to Claim 1,
 - 2 wherein the time period discriminating means includes:
 - a flesh tone detection means which receives moving-
 - 4 picture image information from the recorded information read
 - 5 out by the medium playback means, and detects flesh tone
 - 6 regions within an image screen; and
 - 7 an absence-of-persons discriminating means which
 - 8 discriminates periods of absence of persons in which the
 - 9 flesh tone regions detected by the flesh tone detection
- 10 means drop below a prescribed area;

and wherein the playback display means acquires the
periods of absence of persons discriminated by the absenceof-persons discriminating means, and plays back and displays
moving-picture image information contained in the recorded
information only during time periods of absence of persons
or during time periods other than time periods of absence of
persons.

8. An electronic camera comprising:

an imaging means which produces moving-picture image information by imaging an object via an imaging optical system;

an imaging parameter detection means which detects at least one imaging parameter of the imaging optical system;

a medium recording means which receives moving-picture image information produced by the imaging means and at least one imaging parameter detected by the imaging parameter detection means, and records such moving-picture image information and imaging parameter on a recording medium as recorded information;

a medium playback means which reads out recorded information from the recording medium;

a time period discriminating means which receives at least one imaging parameter from the recorded information read out by the medium playback means, and discriminates time periods during which the received at least one imaging parameter agrees with at least one pre-set condition; and

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- a playback display means which plays back and displays
 moving-picture image information contained in the recorded
 information in accordance with results of the discrimination
 performed by the time period discriminating means.
- 9. An electronic camera according to Claim 8, wherein:
 the imaging parameter detection means detects focal
 point adjustment conditions of the imaging optical system as
 the at least one imaging parameter;

the time period discriminating means receives the focal point adjustment conditions from the recorded information read out by the medium playback means, and discriminates out-of-focus periods in which the focal point adjustment conditions represent an out-of-focus state; and

the playback display means plays back and displays moving-picture image information contained in the recorded information only during time periods other than the out-of-focus periods detected by the time period discriminating means.

- 1 10. An electronic camera according to Claim 8, 2 wherein:
- the imaging parameter detection means detects a lens
 position of the imaging optical system as the at least one
 imaging parameter;
- the time period discriminating means receives the lens
 position from the recorded information read out by the

- 8 medium playback means, and discriminates point-blank periods
- 9 in which the lens position is at a point-blank end; and
- 0 the playback display means plays back and displays
- 1 moving-picture image information contained in the recorded
- 2 information only during time periods other than the point-
- 3 blank periods discriminated by the time period
- .4 discriminating means.
- 1 11. An electronic camera according to Claim 8,
- 2 wherein:
- 3 the imaging parameter detection means detects a lens
- 4 position of the imaging optical system as the at least one
- 5 imaging parameter;
- 6 the time period discriminating means receives the lens
- 7 position from the recorded information read out by the
- 8 medium playback means, and discriminates periods of infinite
- 9 distance in which the lens position is at an infinite
- 10 distance end; and
- 11 the playback display means plays back and displays
- 12 moving-picture image information contained in the recorded
- 13 information only during the periods of infinite distance
- 14 discriminated by the time period discriminating means or
- 15 during time periods other than the periods of infinite
- 16 distance.
 - 1 12. An electronic camera comprising:

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an imaging means which produces moving-picture image information by imaging an object via an imaging optical system;

an environmental parameter detection means which

an environmental parameter detection means which detects at least one environmental parameter indicative of a surrounding environment at the time of imaging;

a medium recording means which receives moving-picture image information produced by the imaging means and at least one environmental parameter detected by the environmental parameter detection means, and records such moving-picture image information and the at least one environmental parameter on a recording medium as recorded information;

a medium playback means which reads out the recorded information from the recording medium;

a time period discriminating means which receives the at least one environmental parameter from the recorded information read out by the medium playback means, and discriminates time periods during which the received at least one environmental parameter agrees with at least one pre-set condition; and

a playback display means which plays back and displays moving-picture image information contained in the recorded information in accordance with results of the discrimination performed by the time period discriminating means.

13. An electronic camera according to Claim 12, wherein:

3 the environmental parameter detection means includes: an infrared radiation detection means which detects 1 5 infrared radiation from an imaged object field; and a temperature detection means which detects temperature 5 7 of an object in accordance with the infrared radiation detected by the infrared radiation detection means, and uses 8 this temperature of the object as an environmental 9 parameter; 0 the time period discriminating means receives the 1

the time period discriminating means receives the temperature of the object from the recorded information read out by the medium playback means, and discriminates periods in which the temperature of the object is within a predetermined temperature range;

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condition; and

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and wherein the playback display means plays back and displays moving-picture image information contained in the above-mentioned recorded information only during the periods discriminated by the time period discriminating means or during time periods other than the periods discriminated by the time period discriminating means.

14. An image playback method comprising:

reading out recorded information that has been recorded on a recording medium;

discriminating time periods during which the read out recorded information agrees with at least one pre-set

playing back and displaying moving-picture image information contained in the recorded information in accordance with the results of the discriminating.

An image playback method according to Claim 14, L 15. 2 wherein the time period discriminating includes: receiving audio information from the recorded 3 information read out and detecting a quantity of sound of 4 this audio information; and 5 discriminating silent periods in which the quantity of detected sound drops below a predetermined sound quantity;

and wherein moving-picture image information contained in the recorded information is played back and displayed only during time periods other than the discriminated silent periods.

- An image playback method according to Claim 14, wherein the time period discriminating includes:
- receiving audio information from the recorded 3 information read out, and detecting at least one 4 characteristic feature parameter specifying long-term 5 spectrum averages or mean pitch frequencies for the audio 6
- information; and 7
- discriminating time periods during which the detected 8 9 at least one characteristic feature parameter agrees with at least one pre-registered characteristic feature parameter 10
- within a permissible range; 11

- and wherein moving-picture image information contained
- 3 in the recorded information is played back and displayed
- 4 only during discriminated time periods.
- 1 17. An image playback method according to Claim 14,
- 2 wherein the time period discriminating includes:
- 3 receiving moving-picture image information from the
- 4 recorded information read out, and detecting differences in
- 5 brightness level between central and peripheral portions of
- 6 an image screen; and
- 7 discriminating periods of backlighting based on the
- 8 detected brightness level differences;
- 9 and wherein moving-picture image information contained
- 10 in the recorded information is played back and displayed
- 11 only during time periods other than the discriminated
- 12 periods of backlighting.
 - 1 18. An image playback method according to Claim 14,
 - 2 wherein the time period discriminating includes:
 - 3 receiving moving-picture image information from the
 - 4 recorded information read out, and detecting movement
 - 5 vectors between moving-picture frames; and
 - 6 discriminating panning periods from the detected
 - 7 movement vectors;
 - 8 and wherein moving-picture image information contained
 - 9 in the recorded information is played back and displayed

- 0 only during discriminated panning periods or during time
- 1 periods other than discriminated panning periods.
- 1 19. An image playback method according to Claim 14,
- 2 wherein the time period discriminating includes:
- 3 receiving moving-picture image information from the
- 4 recorded information read out, and detecting contrast of
- 5 this moving-picture image information; and
- 6 discriminating low-contrast periods in which the
- 7 detected contrast drops below a predetermined threshold
- 8 value;
- 9 and wherein moving-picture image information contained
- 10 in the recorded information is played back and displayed
- only during time periods other than the discriminated low-
- 12 contrast periods.
 - 1 20. An image playback method according to Claim 14,
 - 2 wherein the time period discriminating includes:
 - 3 receiving moving-picture image information from the
 - 4 recorded information read out, and detecting flesh tone
 - 5 regions within an image screen; and
 - 6 discriminating periods of absence of persons in which
 - 7 the detected flesh tone regions drop below a prescribed
 - 8 area;
 - 9 and wherein moving-picture image information contained
- 10 in the recorded information is played back and displayed
- 11 only during discriminated periods of absence of persons or

- 2 during periods other than discriminated periods of absence
- 3 of persons.
- 1 21. An electronic camera operating method comprising:
- 2 producing moving-picture image information by imaging
- 3 an object via an imaging optical system;
- 4 detecting at least one imaging parameter of the imaging
- 5 optical system;
- 6 receiving moving-picture image information produced by
- 7 the imaging and at least one detected imaging parameter, and
- 8 recording such moving-picture image information and imaging
- 9 parameter on a recording medium as recorded information;
- 10 reading out recorded information from the recording
- 11 medium;
- 12 receiving at least one imaging parameter from the
- 13 recorded information read out, and discriminating time
- 14 periods during which the received at least one imaging
- 15 parameter agrees with at least one pre-set condition; and
- 16 playing back and displaying moving-picture image
- 17 information contained in the recorded information in
- 18 accordance with results of the time period discriminating.
 - 1 22. An electronic camera operating method according to
 - 2 Claim 21, wherein:
 - 3 the imaging parameter detecting detects focal point
 - 4 adjustment conditions of the imaging optical system as the
 - 5 at least one imaging parameter;

- the time period discriminating discriminates out-offocus periods in which the focal point adjustment conditions
 represent an out-of-focus state; and
 the playing back and displaying plays back and displays
 moving-picture image information contained in the recorded
 information only during time periods other than
- 23. An electronic camera operating method according to
 Claim 21, wherein:

discriminated out-of-focus periods.

- the imaging parameter detecting detects a lens position of the imaging optical system as the at least one imaging parameter;
- the time period discriminating discriminates pointblank periods in which the lens position is at a point-blank
 end; and
- the playing back and displaying plays back and displays
 moving-picture image information contained in the recorded
 information only during time periods other than the
 discriminated point-blank periods.
 - 24. An electronic camera operating method according to Claim 21, wherein:
 - the imaging parameter detecting detects a lens position of the imaging optical system as the at least one imaging
 - 5 parameter;

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the time period discriminating discriminates periods of 5 infinite distance in which the lens position is at an 7 infinite distance end; and 3 the playing back and displaying plays back and displays 9 moving-picture image information contained in the recorded information only during discriminated periods of infinite 1 distance or during time periods other than discriminated 2 periods of infinite distance. 3

An electronic camera operating method comprising: producing moving-picture image information by imaging an object via an imaging optical system;

detecting at least one environmental parameter indicative of a surrounding environment at the time of imaging;

receiving produced moving-picture image information and at least one detected environmental parameter, and recording such moving-picture image information and at least one environmental parameter on a recording medium as recorded information;

reading out the recorded information from the recording 12 medium; 13

receiving the at least one environmental parameter from the recorded information read out, and discriminating time periods during which the received at least one environmental parameter agrees with at least one pre-set condition; and

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- playing back and displaying moving-picture image
 information contained in the recorded information in
 accordance with results of the time period discriminating.
- 26. An electronic camera operating method according to Claim 25, wherein:
- 3 the environmental parameter detecting includes:
- 4 detecting infrared radiation from an imaged object
- 5 field; and
- detecting temperature of an object in accordance with
 the detected infrared radiation as an environmental
- 8 parameter;
- 9 wherein the time period discriminating discriminates
 10 periods in which the temperature of the object is within a
 11 predetermined temperature range; and
 - the playing back and displaying plays back and displays moving-picture image information contained in the recorded information only during discriminated periods or during time periods other than the discriminated periods.